

Norli Ismail

List of Publications by Year in descending order

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Version: 2024-02-01

75
papers

1,918
citations

201674

27
h-index

289244

40
g-index

76
all docs

76
docs citations

76
times ranked

1964
citing authors

#	ARTICLE	IF	CITATIONS
1	Extraction and recovery of methylene blue from industrial wastewater using benzoic acid as an extractant. <i>Journal of Hazardous Materials</i> , 2009, 163, 363-369.	12.4	114
2	A review on sediment microbial fuel cells as a new source of sustainable energy and heavy metal remediation: mechanisms and future prospective. <i>International Journal of Energy Research</i> , 2017, 41, 1242-1264.	4.5	110
3	Assessment of arsenic and heavy metal contents in cockles (<i>Anadara granosa</i>) using multivariate statistical techniques. <i>Journal of Hazardous Materials</i> , 2008, 150, 783-789.	12.4	85
4	Extraction of Cu(II) from aqueous solutions by vegetable oil-based organic solvents. <i>Journal of Hazardous Materials</i> , 2010, 181, 868-872.	12.4	77
5	Removal of Cationic Dye by Magnetic Nanoparticle (Fe ₃ O ₄) Impregnated onto Activated Maize Cob Powder and Kinetic Study of Dye Waste Adsorption. <i>APCBEE Procedia</i> , 2012, 1, 83-89.	0.5	73
6	Removal of heavy metals and antibiotics from treated sewage effluent by bacteria. <i>Clean Technologies and Environmental Policy</i> , 2015, 17, 2101-2123.	4.1	71
7	Electrochemistry and microbiology of microbial fuel cells treating marine sediments polluted with heavy metals. <i>RSC Advances</i> , 2018, 8, 18800-18813.	3.6	66
8	Enhanced bioremediation of toxic metals and harvesting electricity through sediment microbial fuel cell. <i>International Journal of Energy Research</i> , 2017, 41, 2345-2355.	4.5	58
9	Analysis of heavy metal concentrations in sediments of selected estuaries of Malaysia—a statistical assessment. <i>Environmental Monitoring and Assessment</i> , 2009, 153, 179-185.	2.7	56
10	Biodegradation of Pharmaceutical Wastes in Treated Sewage Effluents by <i>Bacillus subtilis</i> 1556WTNC. <i>Environmental Processes</i> , 2014, 1, 459-481.	3.5	56
11	Studies on the reduction of organic load from palm oil mill effluent (POME) by bacterial strains. <i>International Journal of Recycling of Organic Waste in Agriculture</i> , 2015, 4, 1-10.	2.0	52
12	Screening of factors influencing Cu(II) extraction by soybean oil-based organic solvents using fractional factorial design. <i>Journal of Environmental Management</i> , 2011, 92, 2580-2585.	7.8	45
13	Use of bulk liquid membrane for the removal of chromium (VI) from aqueous acidic solution with tri-n-butyl phosphate as a carrier. <i>Desalination</i> , 2009, 249, 884-890.	8.2	44
14	Biosorption of heavy metals and cephalixin from secondary effluents by tolerant bacteria. <i>Clean Technologies and Environmental Policy</i> , 2014, 16, 137-148.	4.1	42
15	Adsorption of cadmium and lead from palm oil mill effluent using bone-composite: optimisation and isotherm studies. <i>International Journal of Environmental Analytical Chemistry</i> , 2019, 99, 707-725.	3.3	40
16	Efficiency, stoichiometry and structural studies of Cu(II) removal from aqueous solutions using di-2-ethylhexylphosphoric acid and tributylphosphate diluted in soybean oil. <i>Chemical Engineering Journal</i> , 2011, 166, 249-255.	12.7	39
17	Zeolite Y encapsulated with Fe-TiO ₂ for ultrasound-assisted degradation of amaranth dye in water. <i>Journal of Hazardous Materials</i> , 2012, 233-234, 184-193.	12.4	39
18	Insights into Advancements and Electrons Transfer Mechanisms of Electrogens in Benthic Microbial Fuel Cells. <i>Membranes</i> , 2020, 10, 205.	3.0	37

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19	Treatment of Terasil Red R Dye Wastewater using H ₂ O ₂ /pyridine/Cu(II) System. Journal of Hazardous Materials, 2009, 168, 383-389.	12.4	33
20	Selection of design parameters and optimization of operating parameters of soybean oil-based bulk liquid membrane for Cu(II) removal and recovery from aqueous solutions. Journal of Hazardous Materials, 2011, 190, 197-204.	12.4	33
21	Bioaugmentation process of secondary effluents for reduction of pathogens, heavy metals and antibiotics. Journal of Water and Health, 2016, 14, 780-795.	2.6	31
22	Optimization of nickel removal using liquid-liquid extraction and response surface methodology. Desalination and Water Treatment, 2012, 47, 334-340.	1.0	30
23	Treatment of landfill leachate by using lateritic soil as a natural coagulant. Journal of Environmental Management, 2012, 112, 353-359.	7.8	30
24	Isolation, identification, characterization, and evaluation of cadmium removal capacity of <i>Enterobacter</i> species. Journal of Basic Microbiology, 2014, 54, 1279-1287.	3.3	30
25	Bioelectricity production and xylene biodegradation through double chamber benthic microbial fuel cells fed with sugarcane waste as a substrate. Journal of Hazardous Materials, 2021, 419, 126469.	12.4	30
26	Anaerobic co-digestion of palm oil mill effluent with rumen fluid as a co-substrate. Desalination, 2011, 269, 50-57.	8.2	28
27	Optimizing of pharmaceutical active compounds biodegradability in secondary effluents by β -lactamase from <i>Bacillus subtilis</i> using central composite design. Journal of Hazardous Materials, 2019, 365, 883-894.	12.4	28
28	Chemical Oxygen Demand (COD) reduction of a reactive dye wastewater using H ₂ O ₂ /pyridine/Cu (II) system. Desalination, 2011, 278, 26-30.	8.2	27
29	Multivariate analysis of heavy metals concentrations in river estuary. Environmental Monitoring and Assessment, 2008, 143, 179-186.	2.7	25
30	Vulnerabilities of macrophytes distribution due to climate change. Theoretical and Applied Climatology, 2017, 129, 1123-1132.	2.8	24
31	Sustainable approaches for removal of cephalexin antibiotic from non-clinical environments: A critical review. Journal of Hazardous Materials, 2021, 417, 126040.	12.4	24
32	Advancement in Benthic Microbial Fuel Cells toward Sustainable Bioremediation and Renewable Energy Production. International Journal of Environmental Research and Public Health, 2021, 18, 3811.	2.6	23
33	Enhanced benzene bioremediation and power generation by double chamber benthic microbial fuel cells fed with sugarcane waste as a substrate. Journal of Cleaner Production, 2021, 310, 127583.	9.3	23
34	Equilibrium isotherm and kinetic study of the adsorption of organic pollutants of leachate by using micro peat-activated carbon composite media. , 0, 160, 185-192.		21
35	Optimization of Cu(II) Extraction from Aqueous Solutions by Soybean-Oil-Based Organic Solvent Using Response Surface Methodology. Water, Air, and Soil Pollution, 2011, 217, 567-576.	2.4	19
36	Adsorption of pollutants from palm oil mill effluent using natural adsorbents: optimization and isotherm studies. , 0, 169, 181-190.		19

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37	The Impact of Waste Water Treatments on Seed Germination and Biochemical Parameter of <i>Abelmoschus Esculentus</i> L. <i>Procedia, Social and Behavioral Sciences</i> , 2013, 91, 453-460.	0.5	18
38	Microbiota of Palm Oil Mill Wastewater in Malaysia. <i>Tropical Life Sciences Research</i> , 2018, 29, 131-163.	0.9	18
39	Climate Change-Perceived Impacts on Agriculture, Vulnerability and Response Strategies for Improving Adaptation Practice in Developing Countries (South Asian Region). <i>International Journal of Agricultural Research</i> , 2015, 11, 1-12.	0.1	17
40	Nickel ion coupled counter complexation and decomplexation through a modified supported liquid membrane system. <i>RSC Advances</i> , 2015, 5, 38424-38434.	3.6	16
41	Susceptibility for antibiotics among faecal indicators and pathogenic bacteria in sewage treated effluents. <i>Water Practice and Technology</i> , 2013, 8, 1-6.	2.0	14
42	Removal of Heavy Metal Ions From Aqueous Solutions Using <i>Bacillus subtilis</i> Biomass Pre-treated by Supercritical Carbon Dioxide. <i>Clean - Soil, Air, Water</i> , 2017, 45, 1700356.	1.1	14
43	Principles and Mechanism of Adsorption for the Effective Treatment of Palm Oil Mill Effluent for Water Reuse. , 2019, , 1-33.		14
44	Optimization of COD, apparent color, and turbidity reductions of landfill leachate by Fenton reagent. <i>Desalination and Water Treatment</i> , 2014, 52, 1524-1530.	1.0	13
45	Elucidation of Reaction Behaviors in Sonocatalytic Decolorization of Amaranth Dye in Water Using Zeolite Y Co-Incorporated with Fe and TiO ₂ . <i>Advances in Chemical Engineering and Science</i> , 2013, 03, 113-122.	0.5	12
46	Solar disinfection and lime stabilization processes for reduction of pathogenic bacteria in sewage effluents and biosolids for agricultural purposes in Yemen. <i>Journal of Water Reuse and Desalination</i> , 2015, 5, 419-429.	2.3	12
47	Adsorption Studies of Methyl Tert-butyl Ether from Environment. <i>Separation and Purification Reviews</i> , 2017, 46, 273-290.	5.5	12
48	Sustainable separation of Cu(II) and Cd(II) from aqueous solution by using solvent extraction technique with di-2-ethylhexylphosphoric acid (D2EHPA) as carrier: optimization study. <i>Applied Water Science</i> , 2019, 9, 1.	5.6	11
49	Optimization for Liquid-Liquid Extraction of Cd(II) over Cu(II) Ions from Aqueous Solutions Using Ionic Liquid Aliquat 336 with Tributyl Phosphate. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6860.	4.1	11
50	Developments in supported liquid membranes for treatment of metal-bearing wastewater. <i>Separation and Purification Reviews</i> , 2022, 51, 38-56.	5.5	11
51	Reuse of Fruit Waste as Biopolymeric Flocculant and Optimizing Turbidity Reduction: Comparison Study with Industrial Flocculant. <i>Journal of Environmental Engineering, ASCE</i> , 2010, 136, 1267-1276.	1.4	10
52	Elimination of enteric indicators and pathogenic bacteria in secondary effluents and lake water by solar disinfection (SODIS). <i>Journal of Water Reuse and Desalination</i> , 2013, 3, 39-46.	2.3	10
53	Bioremediation and Detoxification of the Textile Wastewater with Membrane Bioreactor Using the White-rot Fungus and Reuse of Wastewater. <i>Iranian Journal of Biotechnology</i> , 2016, 14, 154-162.	0.3	10
54	Locally Derived Activated Carbon From Domestic, Agricultural and Industrial Wastes for the Treatment of Palm Oil Mill Effluent. , 2019, , 35-62.		9

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55	Enhancement of biosorption capacity of cyanobacterial strain to remediate heavy metals. , 0, 165, 244-252.		9
56	Analysis and optimization of flocculation activity and turbidity reduction in kaolin suspension using pectin as a biopolymer flocculant. Water Science and Technology, 2009, 60, 771-781.	2.5	8
57	Biosorption of Pb(ii) and Fe(iii) from aqueous co-solutions using chemically pretreated oil palm fronds. RSC Advances, 2015, 5, 106498-106508.	3.6	8
58	Isolation and characterization of Cd-resistant bacteria from industrial wastewater. Desalination and Water Treatment, 2015, 56, 1037-1046.	1.0	8
59	Separation of Chromium (VI), Copper and Zinc: Chemistry of Transport of Metal Ions across Supported Liquid Membrane. Membranes, 2022, 12, 685.	3.0	8
60	Characterization of Oily and Non-Oily Natural Sediments in Palm Oil Mill Effluent. Journal of Chemistry, 2013, 2013, 1-11.	1.9	7
61	Long-Term Prediction of Biological Wastewater Treatment Process Behavior via Wiener-Laguerre Network Model. International Journal of Chemical Engineering, 2014, 2014, 1-7.	2.4	7
62	Extraction, characterization and application of malva nut gum in water treatment. Journal of Water and Health, 2015, 13, 489-499.	2.6	7
63	Soybean Oil-Based Bulk Liquid Membrane for Simultaneous Extraction and Stripping of Cu(II) from Aqueous Solutions. International Journal of Environmental Science and Development, 0, , 389-393.	0.6	7
64	La Loaded TiO ₂ Encapsulated Zeolite Y Catalysts: Investigating the Characterization and Decolorization Process of Amaranth Dye. Journal of Engineering (United States), 2013, 2013, 1-10.	1.0	6
65	KINETIC MODELS FOR PREDICTION OF COD EFFLUENT FROM UPFLOW ANAEROBIC SLUDGE BLANKET (UASB) REACTOR FOR CANNERY SEAFOOD WASTEWATER TREATMENT. Jurnal Teknologi (Sciences and Tj ETQq1 1 0.784314 rgBT /@verlock	1.4	6
66	Reduction of bacteria in storage system of sewage effluents. Sustainable Water Resources Management, 2017, 3, 193-203.	2.1	6
67	Mobility of copper and its microstructure characteristics in contaminated river sediment through stabilization by using cement and rice husk ash. Water and Environment Journal, 2020, 34, 229-238.	2.2	4
68	Mathematical prediction models for inactivation of antibiotic-resistant bacteria in kitchen wastewater by bimetallic bionanoparticles using machine learning with gene expression programming. Journal of Cleaner Production, 2022, 333, 130131.	9.3	4
69	Enhanced turbidity removal in water treatment by using emerging vegetal biopolymer composite: a characterization and optimization study. Desalination and Water Treatment, 2016, 57, 1779-1789.	1.0	3
70	Effects of cationization hybridized biopolymer from <i>Bacillus subtilis</i> on flocculating properties. Desalination and Water Treatment, 2016, 57, 16086-16095.	1.0	3
71	Screening of Factors Influencing the Adsorption of Methylene Blue Aqueous Solution onto Raw Maize Cobs Using Fractional Factorial Design. Journal of Dispersion Science and Technology, 2012, 33, 1730-1738.	2.4	2
72	Giving Waste a Second Chance. Advances in Environmental Engineering and Green Technologies Book Series, 2017, , 155-171.	0.4	1

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73	Synthesis, characterisation and application of quaternised pectin as flocculant in wastewater treatment. International Journal of Environmental Engineering, 2020, 10, 243.	0.1	0
74	Disinfection Technologies for Household Greywater. Water Science and Technology Library, 2019, , 185-203.	0.3	0
75	Effects of Solution Matrix on Moringa oleifera Seeds and Banana Peel in Eliminating Heavy Metals, Fluoride and Turbidity from Synthetic Groundwater Samples. International Journal of Integrated Engineering, 2018, 10, .	0.4	0